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FROM:

Name: C. G. Mersereau
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DATE: April 29, 2005 **Time:** 12:55 p.m. **TOTAL PAGES incl. cover sheet:** 12

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April 29, 2005

OUR DOCKET NO. 20000427.ORI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re App : Andrew P. Kramer et al
S. No. : 09/964,972 : Group Art Unit 3762
Filed : September 27, 2001 : Examiner G. R. Evanisko
Title : TRENDING OF CONDUCTION
TIME FOR OPTIMIZATION OF
CARDIAC RESYNCHRONIZATION
THERAPY IN CARDIAC RHYTHM
SINGLE BASE PROPELLANT

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an Amendment Under Rule 37 C.F.R. 1.116 in response to the Final Office Action dated February 16, 2005 in the above-identified patent application.

The Commissioner is hereby authorized to charge any fees listed in 37 CFR 1.16 and 1.17 which may be required by this paper or credit any overpayment to Deposit Account No. 08-1265.

No additional fee is required.

Yours very truly,

NIKOLAI & MERSEREAU, P.A.

A handwritten signature in cursive script, appearing to read 'C. G. Mersereau'.

C. G. Mersereau

CGM/bld
Enclosures

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PATENT APPLICATION

OUR DOCKET NO. 20000427.ORI

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AMENDMENT UNDER 37 C.F.R. 1.116

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Alexandria, VA 22313-1450

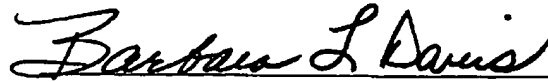
Dear Sir:

This paper is submitted in response to a Final Office Action dated February 16, 2005, which carried a shortened-statutory period for response of three months so that a reply is due by May 16, 2005.

The following amendments to the claims are believed to promote progress in the prosecution of this application and it is requested that they be entered:

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the foregoing Amendment Under 37 CFR 1.116 in response to the Final Official Action mailed February 16, 2005, in application Serial No. 09/964,972, filed on September 27, 2001, of Andrew P. Kramer et al, entitled "TRENDING OF CONDUCTION TIME FOR OPTIMIZATION OF CARDIAC RESYNCHRONIZATION THERAPY IN CARDIAC RHYTHM", and a transmittal letter are being sent by facsimile transmission to: The Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 29, 2005.



Barbara L. Davis
On behalf of C. G. Mersereau

Date of Signature: April 29, 2005